

JOURNAL OF LOW TEMPERATURE PHYSICS

Volume 69, 1987

Journal of Low Temperature Physics is an international medium for the publication of original papers on fundamental theoretical and experimental research in low temperature physics. Typical subject areas are:

Properties of Fermi and Bose systems, especially in the condensed phases, and of the hydrogen and helium isotopes; Superfluidity and the properties of quantum fluids and solids;

Properties of isotopic mixtures at low temperatures;

Superconductivity;

Phase transitions at low temperatures;

Thermal properties, thermodynamics, and statistical mechanics of low temperature phenomena;

Lattice dynamics, phonon phenomena, acoustic, mechanical, and optical properties of substances at low temperatures;

Electronic properties of metals, semiconductors, and alloys including Fermi surfaces, oscillatory phenomena, magnetoelectrical effects, acoustic properties, and transport phenomena at low temperatures;

Magnetism at low temperatures including paramagnetic, ferromagnetic, and antiferromagnetic properties and including the behaviour of dilute alloys and nuclear spin systems;

Surface phenomena at low temperatures.

Occasionally review articles will be included. No papers solely of a technical or applied nature will be accepted.

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